

**SIGNATURE ALUMINUM CANADA**1850 CLEMENTS RD
PICKERING, ON L1W 3R8**CERTIFICATE OF COMPLIANCE**

12/06/2019	5559960	138199	1
POHB044949	046141	929199	12/17/19

46024
DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
CANADA46024
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CANADADAS
82
9-89 JAN 07 2020

Item No.	Part No.	Part Description	Cont. Part
001	DAA-897123-2	10FT MILL 6061 T6	D2622-120CP
Weight	1,512 LBS		
Weight	1,451 LBS	164 PCS	4 PKGS
AMS-QQ-A-200/8 & ASTM B221-08			

Mechanical Tests:

<u>Tensile</u>	<u>Yield</u>			
<u>MPA / KSI</u>	<u>MPA / KSI</u>	<u>% Elongation</u>	<u>Conductivity</u>	<u>HRE</u>
324.9 / 47.1	271.8 / 39.4	9.6	N/A	91

Chemical Analysis:

<u>Si</u>	<u>Fe</u>	<u>Cu</u>	<u>Mn</u>	<u>Mg</u>	<u>Cr</u>	<u>Zn</u>	<u>Ti</u>	<u>V</u>	<u>Zr</u>
0.67	0.33	0.20	0.06	0.91	0.07	0.09	0.02	0.01	0.00

*This Material is Made in Canada**This Material is RoHS Compliant*

This will certify that the material described herein has been inspected and tested in accordance with Signature Aluminum Canada's standard sampling and testing procedures or in accordance with the requirements of any specification forming a part of the material description to the extent indicated herein. Data of chemical composition for the material and test results from samples representative of the material are set forth above hereof or in any attachments hereto. This information shows that the material meets the applicable requirements. Inspection and test records are maintained on file. This certificate shall be deemed apart of and subject to the terms and conditions of warranty set forth on the reverse side of our order acknowledgement form. No other warranties are applicable.

S. Gooder
Quality Manager
Signature Aluminum Canada Inc

ISO 9001/TS16949 Registered Company

Visit us at www.signaturealum.com

Rev A

LINE 1

D2622-120CP

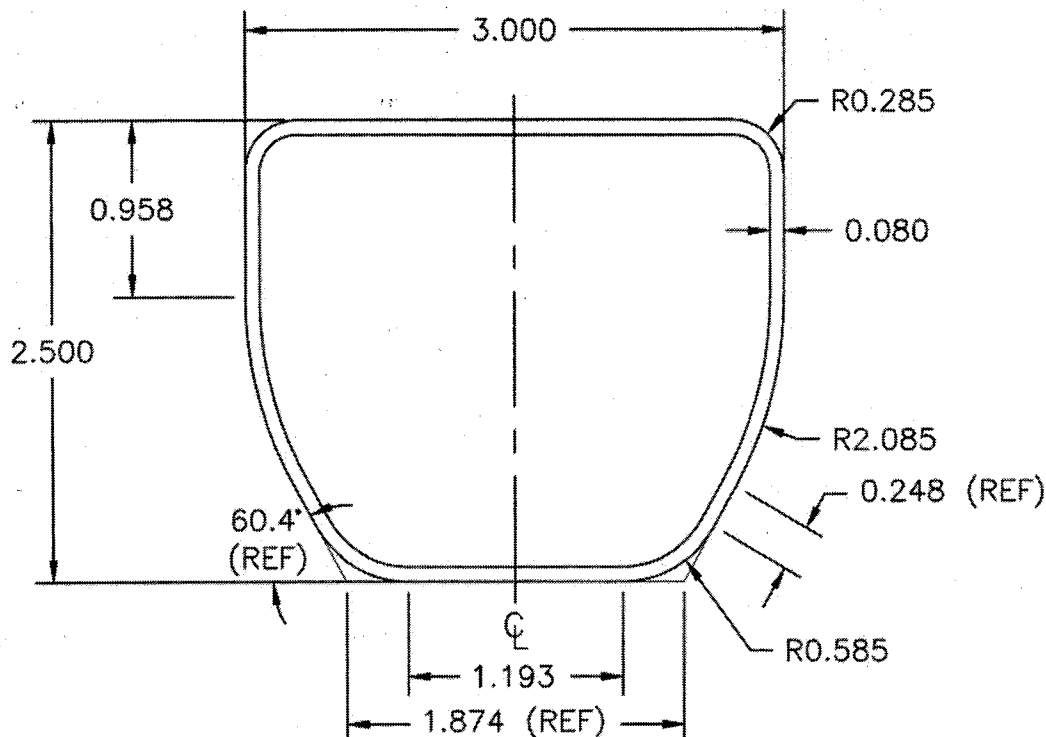
POH044999

H/T 929199



DESIGN KE	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D2622	REV. C SHEET 1 OF 1
DATE 02.09.11		TITLE STEP EXTRUSION	SCALE 1:1
A	96.11.29	NEW ISSUE	
B	97.12.12	CHANGE MATERIAL, ADD TOL. QSI	
C	02.09.11	0.080 WAS 0.085; ADD PART & DIE No.	
CI	CP 02.10.04	ADD 'REV: A' TO DIE NUMBER.	

RELEASED
02.09.11



D2622-XXX STEP EXTRUSION

1) PART NUMBER IS D2622-XXX WHERE 'XXX' IS CUT LENGTH IN INCHES
(EG. D2622-120 IS 120" LONG)

2) MATERIAL 6061-T6 (QQ-A-200/8)

3) MANUFACTURED USING BON-L DIE # 897123 REV. A

4) A SAMPLE FROM EACH BATCH WILL BE PULL TESTED TO ASTM STANDARD B221 BY AN APPROVED TESTING FACILITY TO ENSURE THAT THE BATCH MEETS THE MINIMUM MECHANICAL PROPERTIES STATED BELOW:

MINIMUM TENSILE YIELD STRENGTH = 35 ksi

MINIMUM ULTIMATE TENSILE STRENGTH = 38 ksi

MINIMUM ELONGATION = 8%

5) PART IS SYMMETRIC ABOUT CENTERLINE

6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

7) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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LINE 1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: D2622-120CPPO / BATCH NO.: POHBO44949DATE: JAN 07 20205243424MATERIAL CERT REC'D: YESTHICKNESS ORDERED: .080QUANTITY RECEIVED: 163 PCSTHICKNESS RECEIVED: .080QUANTITY INSPECTED: 163 PCSSHEET SIZE ORDERED: —QUANTITY REJECTED: —SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y ☒ N	
CORRECT FINISH	☒ Y ☒ N	
CORROSION	Y ☒ N	
CORRECT GRAIN DIRECTION	☒ Y ☒ N	
CORRECT MATERIAL PER M-DRAWING	☒ Y ☒ N	AMS QQ-A-200
CORRECT THICKNESS	☒ Y ☒ N	
PHOTO REQUIRED	Y ☒ N	
CORRECT REF # TO LINK CERT	☒ Y ☒ N	H/T 929199
CORRECT MATERIAL IDENTIFICATION	☒ Y ☒ N	
CORRECT M# ON THE MATERIAL	☒ Y ☒ N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y ☒ N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ☒ N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.

RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: 82
9-89SIGNED OFF BY: —DATE: JAN 07 2020DATE: —Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in